

## Expanded to Standard Form With Decimals (D)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded form decimal number to standard form.

1.  $1 + \frac{2}{10} + \frac{1}{100} + \frac{4}{10,000} + \frac{4}{100,000} + \frac{2}{1,000,000} + \frac{2}{10,000,000} + \frac{9}{100,000,000} + \frac{4}{1,000,000,000}$

2.  $2 + \frac{3}{10} + \frac{3}{100} + \frac{5}{1000} + \frac{6}{10,000} + \frac{1}{100,000} + \frac{6}{100,000,000} + \frac{8}{1,000,000,000}$

3.  $8 + \frac{6}{10} + \frac{2}{100} + \frac{3}{1000} + \frac{1}{10,000} + \frac{1}{100,000} + \frac{3}{1,000,000} + \frac{6}{10,000,000} + \frac{1}{100,000,000} + \frac{3}{1,000,000,000}$

4.  $5 + \frac{4}{10} + \frac{5}{1000} + \frac{8}{10,000} + \frac{3}{1,000,000} + \frac{6}{10,000,000} + \frac{3}{100,000,000} + \frac{1}{1,000,000,000}$

5.  $1 + \frac{6}{10} + \frac{3}{1000} + \frac{1}{10,000} + \frac{1}{100,000} + \frac{2}{1,000,000} + \frac{7}{10,000,000} + \frac{7}{100,000,000} + \frac{7}{1,000,000,000}$

6.  $1 + \frac{7}{10} + \frac{1}{100} + \frac{3}{10,000} + \frac{7}{100,000} + \frac{1}{1,000,000} + \frac{5}{10,000,000} + \frac{3}{100,000,000} + \frac{1}{1,000,000,000}$

7.  $8 + \frac{6}{10} + \frac{7}{100} + \frac{1}{1000} + \frac{1}{10,000} + \frac{6}{100,000} + \frac{8}{1,000,000} + \frac{6}{10,000,000} + \frac{1}{100,000,000} + \frac{7}{1,000,000,000}$

8.  $3 + \frac{9}{10} + \frac{3}{1000} + \frac{2}{100,000} + \frac{7}{1,000,000} + \frac{9}{10,000,000} + \frac{5}{100,000,000} + \frac{7}{1,000,000,000}$

9.  $1 + \frac{9}{10} + \frac{5}{100} + \frac{4}{1000} + \frac{8}{10,000} + \frac{9}{100,000} + \frac{1}{1,000,000} + \frac{4}{10,000,000} + \frac{7}{100,000,000} + \frac{9}{1,000,000,000}$

10.  $9 + \frac{8}{10} + \frac{4}{100} + \frac{9}{1000} + \frac{2}{10,000} + \frac{6}{100,000} + \frac{2}{10,000,000} + \frac{8}{100,000,000} + \frac{6}{1,000,000,000}$

## Expanded to Standard Form With Decimals (D) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded form decimal number to standard form.

1.  $1 + \frac{2}{10} + \frac{1}{100} + \frac{4}{10,000} + \frac{4}{100,000} + \frac{2}{1,000,000} + \frac{2}{10,000,000} + \frac{9}{100,000,000} + \frac{4}{1,000,000,000}$   
**1.210442294**

2.  $2 + \frac{3}{10} + \frac{3}{100} + \frac{5}{1000} + \frac{6}{10,000} + \frac{1}{100,000} + \frac{6}{100,000,000} + \frac{8}{1,000,000,000}$   
**2.335610068**

3.  $8 + \frac{6}{10} + \frac{2}{100} + \frac{3}{1000} + \frac{1}{10,000} + \frac{1}{100,000} + \frac{3}{1,000,000} + \frac{6}{10,000,000} + \frac{1}{100,000,000} + \frac{3}{1,000,000,000}$   
**8.623113613**

4.  $5 + \frac{4}{10} + \frac{5}{1000} + \frac{8}{10,000} + \frac{3}{1,000,000} + \frac{6}{10,000,000} + \frac{3}{100,000,000} + \frac{1}{1,000,000,000}$   
**5.405803631**

5.  $1 + \frac{6}{10} + \frac{3}{1000} + \frac{1}{10,000} + \frac{1}{100,000} + \frac{2}{1,000,000} + \frac{7}{10,000,000} + \frac{7}{100,000,000} + \frac{7}{1,000,000,000}$   
**1.603112777**

6.  $1 + \frac{7}{10} + \frac{1}{100} + \frac{3}{10,000} + \frac{7}{100,000} + \frac{1}{1,000,000} + \frac{5}{10,000,000} + \frac{3}{100,000,000} + \frac{1}{1,000,000,000}$   
**1.710371531**

7.  $8 + \frac{6}{10} + \frac{7}{100} + \frac{1}{1000} + \frac{1}{10,000} + \frac{6}{100,000} + \frac{8}{1,000,000} + \frac{6}{10,000,000} + \frac{1}{100,000,000} + \frac{7}{1,000,000,000}$   
**8.671168617**

8.  $3 + \frac{9}{10} + \frac{3}{1000} + \frac{2}{100,000} + \frac{7}{1,000,000} + \frac{9}{10,000,000} + \frac{5}{100,000,000} + \frac{7}{1,000,000,000}$   
**3.903027957**

9.  $1 + \frac{9}{10} + \frac{5}{100} + \frac{4}{1000} + \frac{8}{10,000} + \frac{9}{100,000} + \frac{1}{1,000,000} + \frac{4}{10,000,000} + \frac{7}{100,000,000} + \frac{9}{1,000,000,000}$   
**1.954891479**

10.  $9 + \frac{8}{10} + \frac{4}{100} + \frac{9}{1000} + \frac{2}{10,000} + \frac{6}{100,000} + \frac{2}{10,000,000} + \frac{8}{100,000,000} + \frac{6}{1,000,000,000}$   
**9.849260286**